

REMARKS/ARGUMENTS

Sequence Listing

The Office Action noted that the sequence listing for the instant application does not contain all sequences disclosed in the specification and Figures from Application 60/168,854, which is incorporated by reference in the instant application (see p. 85, last paragraph).

The original sequence listing, filed June 21, 2004, inadvertently omitted several sequences. A substitute sequence listing, filed August 22, 2006, did not incorporate all of the sequences omitted from the original sequence listing.

In accordance with 37 C.F.R. 1.821-1.825, Applicants now submit a second substitute sequence listing incorporating the sequences omitted from the previous two substitute sequence listings in computer readable (CRF) and paper formats. The CRF sequence listing was prepared through the use of the software program "PatentIn" and is identical to that of the sequence listing in paper format enclosed herewith in the Appendix. Because the sequence listing does not go beyond the sequences disclosed in the application as originally filed, including those in Application 60/168,854 incorporated by reference, or the Figures from Application 60/168,854, it does not constitute new matter.

Amendments to the Specification

The Office Action mailed January 22, 2007, noted that the specification does not accurately identify some of the Figures, including Figures 5, 10, and 13. These inaccuracies are corrected by this amendment. In addition, sequence identifiers (SEQ ID NOS) in the specification has been amended to conform to the second substitute sequence listing submitted herewith.

Amendments to the Claims

The Office Action mailed January 22, 2007, rejected Claim 22 as being indefinite for failing to have a period at the end of the sentence. Claim 22 has been amended to end with a period. Applicants respectfully request withdrawal of the rejection.

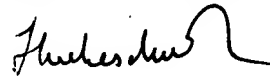
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Claims 6 and 7 have also been amended to conform to the second substitute sequence listing submitted herewith.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



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APPENDIX: Second Substitute Sequence Listing